

Command:PR

This is a Tiger only command , that has different usage for MicroMirrors and Piezos

MicroMirror

Shortcut	PR
Format	PR [axis]=[5 to 10] ...
Units	Integer code, 5 to 10
Type	Axis-Specific
Remembered	Automatically
Firmware Required	v2.83+

This command is “recycled” for a different use in MicroMirror axes than for piezo. In the context of a MicroMirror axis this command is used to set the MicroMirror travel range. Settings is automatically saved into non-volatile memory, however controller needs a system RESET or RESTART for setting to take effect.

PR[Axis Name] =	MicroMirror Range in degrees
5	5
6	6
8 (default)	8
10	10

Example

```
PR A=5
:A
```

Sets range of A axis as 5 degrees

```
PR A? B?
A=5 B=8 :A
```

Queries the range of axes

Piezo

Shortcut	PR
Format	PR [axis]=[0 to 8] ...
Units	Integer code, 0 to 8
Type	Axis-Specific
Remembered	Automatically

PR is used to set the piezo travel range. It is an Axis specific command. Setting is automatically saved in the non-volatile memory. Will need a system RESET or RESTART for setting to take effect.

PR [Axis Name] =	Piezo Range in microns
1	50
2	100
3	150
4	200
5	300
6	350
7	500
8	70

Tunable Lens

Shortcut	PR
Format	PR [axis]=[0 to 3] ...
Units	Integer code, 0 to 3
Type	Axis-Specific
Remembered	Automatically

PR is used to set the Tunable Lens units or user input. It is an Axis specific command. Setting is automatically saved in the non-volatile memory. Will need a system RESET or RESTART for setting to take effect. For more info refer to [Units/Resolution](#) section on TGTLIC card page.

PR [Axis Name] =	Units
1 (default)	16bit integer, +32768 to -32768
2	1/1000 of dpt, range usually between 26000 to 7000
3	TBD reserved for future use

[commands](#), [tiger](#), [piezo](#), [micromirror](#), [tlens](#)

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